CONTENTS OF VOLUME 55

Volume 55 Nos. 1/2 January 1991

SPECIAL ISSUE

Mercury in the Swedish Environment

Volume 55 Nos. 3/4 February 1991

G. WIKLANDER, G. NORDLANDER, and R. ANDERSSON / Leaching of Nitrogen from a Forest Catchment at Söderåsen in Southern Sweden 263

L. D. LACERDA, W. C. PFEIFFER, R. V. MARINS, S. RODRIGUES, C. M. M. SOUZA, and W. R. BASTOS / Mercury Dispersal in Water, Sediments and Aquatic Biota of a Gold Mining Tailing Deposit Drainage in Pocone, Brazil 283

M. A. EL-DIB, S. A. SHEHATA, and H. F. ABOU-WALY / Response of Freshwater Algae (*Scenedesmus* spp.) to Phenylurea Herbicides 295

A.C. PAUL and K. C. PILLAI / Natural Radionuclides in a Tropical River Subjected to Pollution 305

H. J. W. J. VAN HUET / Phosphorus Loads from Peaty Polders in the SW Frisian Lake District, The Netherlands 321

J. ZAYED, P. ANDRÉ, and G. KENNEDY / Variabilité Spatio-Temporelle de l'Aluminium chez l'Epinette Noire (*Picea mariana*) 337

N. S. WEATHERLEY, G. P. RUTT, S. P. THOMAS, and S. J. ORMEROD / Liming Acid Streams: Aluminium Toxicity to Fish in Mixing Zones 345

ROY BOYD and NOEL D. URI / Measuring the Costs of Improving the Quality of the Environment in the United States 355

A. L. HEATHWAITE / Solute Transfer from Drained Fen Peat 379

W. TADESSE, J. W. SHUFORD, R. W. TAYLOR, D. C. ADRIANO, and K. S. SAJWAN / Comparative Availability to Wheat of Metals from Sewage Sludge and Inorganic Salts 397

N. SENESI, G. SPOSITO, G. R. BRADFORD, and K. M. HOLTZCLAW / Residual Metal Reactivity of Humic Acids Extracted from Soil Amended with Sewage Sludge 409

S. W. EFFLER, C. M. BROOKS, J. M. ADDESS, S. M. DOERR, M. L. STOREY, and B. A. WAGNER / Pollutant Loadings from Solvay Waste Beds to Lower Ninemile Creek, New York 427

J. FREDA, W. J. SADINSKI, and W. A. DUNSON / Long Term Monitoring of Amphibian Populations with Respect to the Effects of Acidic Deposition 445

Book Reviews

O. Ravera, *Ecological Assessment of Environmental Degradation, Pollution and Recovery* (T. VIRARAGHAVAN) 463

S. T. Kolaczkowski and B. D. Crittenden, *Management of Hazardous and Toxic Wastes in the Process Industries* (T. VIRARAGHAVAN) 464

G. Mance, *Pollution Threat of Heavy Metals in Aquatic Environments* (T. VIRARAGHAVAN) 465
H. Barth and P. L'Hermite, *Scientific Basis for Soil Protection in the European Community* (T. VIRARAGHAVAN) 465
R. Bhamidimarri, *Alternate Waste Treatment Systems* (T. VIRARAGHAVAN) 467
R. M. Sterrit and J. N. Lester, *Microbiology for Environmental and Public Health Engineers* (T. VIRARAGHAVAN) 468
Announcements 469
Announcement and Call for Papers 471
Volume Contents 473